



Atty. Dkt. No.006869

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- original
- divisional
- continuation
- continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"END POINT DETECTION FOR SPUTTERING AND RESPUTTERING"

SPECIFICATION IDENTIFICATION

The specification of which:

- is attached hereto
- was filed on 09/11/2003, under Serial No. 10/659,902, executed on even date herewith; or
- Express Mail No. EV 326 953 206 US (as Serial No. not yet known)
and was amended on _____ (if applicable)
- was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

[X] No such applications have been filed.

[] Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			[] Yes [] No
			[] Yes [] No
			[] Yes [] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:

Application No:

Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[] No such applications have been filed

[X] Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented Pending</u>	<u>Status</u>
60/410,843	September 13, 2002	X	Abandoned

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Loretta Peters	Registration No. 43,855
William K. Konrad	Registration No. 28,868

Send correspondence to: **Direct telephone calls to:**

Patent Counsel, MS/2061	William K. Konrad
Legal Affairs Dept.	Phone#
Applied Materials, Inc.	310-553-7970
P. O. Box 450A	
Santa Clara, CA 95052.	

DECLARATION

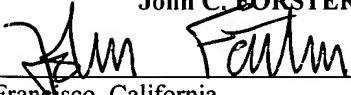
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

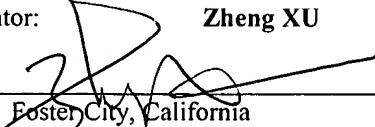
Full name of sole or first inventor: **Sasson R. SOMEKH**

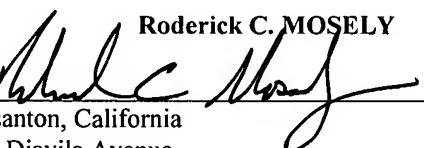
Inventor's signature: _____ Date: _____
Residence: Los Altos Hills, California
Post Office Address: 25625 Moody Road
Los Altos Hills, California 94022
U.S.A. Country of Citizenship: USA

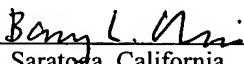
Full name of second inventor: **Marc O. SCHWEITZER**

Inventor's signature: _____ Date: 03/29/04
Residence: San Jose, California
Post Office Address: 1780 Cleveland Avenue
San Jose, California 95126
U.S.A. Country of Citizenship: USA

Full name of third inventor: **John C. FORSTER**
Inventor's signature:  Date: April 7th 2004
Residence: San Francisco, California
Post Office Address: 465 10th Street #205
San Francisco, California 94103
U.S.A. Country of Citizenship: USA

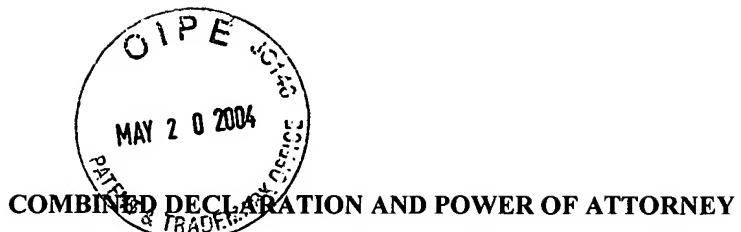
Full name of fourth inventor: **Zheng XU**
Inventor's signature:  Date: 4/6/04
Residence: Foster City, California
Post Office Address: 279 Hudson Bay Street
Foster City, California 94404
U.S.A. Country of Citizenship: USA

Full name of fifth inventor: **Roderick C. MOSELY**
Inventor's signature:  Date: 4/6/04
Residence: Pleasanton, California
Post Office Address: 4337 Diavila Avenue
Pleasanton, California 94588
U.S.A. Country of Citizenship: USA

Full name of sixth inventor: **Barry L. CHIN**
Inventor's signature:  Date: 3/30/04
Residence: Saratoga, California
Post Office Address: 13174 Cumberland Drive
Saratoga, California 95070
U.S.A. Country of Citizenship: USA

Full name of seventh inventor: **Howard E. GRUNES**
Inventor's signature: _____ Date: _____
Residence: Santa Cruz, California
Post Office Address: 237 Trevethan Avenue
Santa Cruz, California 95062
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)



Atty. Dkt. No.006869

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- original
- divisional
- continuation
- continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"END POINT DETECTION FOR SPUTTERING AND RESPUTTERING"

SPECIFICATION IDENTIFICATION

The specification of which:

- is attached hereto
- was filed on 09/11/2003, under Serial No. 10/659,902, executed on even date herewith; or
- Express Mail No. EV 326 953 206 US (as Serial No. not yet known)
and was amended on _____ (if applicable)
- was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

No such applications have been filed.

Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			[] Yes [] No
			[] Yes [] No
			[] Yes [] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:

Application No:

Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

No such applications have been filed

Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented Pending</u>	<u>Status</u>
60/410,843	September 13, 2002	X	Abandoned

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Loretta Peters	Registration No. 43,855
William K. Konrad	Registration No. 28,868

Send correspondence to: **Direct telephone calls to:**

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P. O. Box 450A
Santa Clara, CA 95052.

William K. Konrad
Phone#
310-553-7970

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: **Sasson R. SOMEKH**

Inventor's signature: _____ Date: _____
Residence: Los Altos Hills, California
Post Office Address: 25625 Moody Road
Los Altos Hills, California 94022
U.S.A. Country of Citizenship: USA

Full name of second inventor: **Marc O. SCHWEITZER**

Inventor's signature: _____ Date: _____
Residence: San Jose, California
Post Office Address: 1780 Cleveland Avenue
San Jose, California 95126
U.S.A. Country of Citizenship: USA

Full name of third inventor: **John C. FORSTER**

Inventor's signature: _____ Date: _____
Residence: San Francisco, California
Post Office Address: 465 10th Street #205
San Francisco, California 94103
U.S.A. Country of Citizenship: USA

Full name of fourth inventor: **Zheng XU**

Inventor's signature: _____ Date: _____
Residence: Foster City, California
Post Office Address: 279 Hudson Bay Street
Foster City, California 94404
U.S.A. Country of Citizenship: USA

Full name of fifth inventor: **Roderick C. MOSELY**

Inventor's signature: _____ Date: _____
Residence: Pleasanton, California
Post Office Address: 4337 Diavila Avenue
Pleasanton, California 94588
U.S.A. Country of Citizenship: USA

Full name of sixth inventor: **Barry L. CHIN**

Inventor's signature: _____ Date: _____
Residence: Saratoga, California
Post Office Address: 13174 Cumberland Drive
Saratoga, California 95070
U.S.A. Country of Citizenship: USA

Full name of seventh inventor: **Howard E. GRUNES**

Inventor's signature: Howard Gunes Date: 3/30/04
Residence: Santa Cruz, California
Post Office Address: 237 Trevethan Avenue
Santa Cruz, California 95062
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)



Atty. Dkt. No.006869

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- original
- divisional
- continuation
- continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"END POINT DETECTION FOR SPUTTERING AND RESPUTTERING"

SPECIFICATION IDENTIFICATION

The specification of which:

- is attached hereto
- was filed on September 11, 2003, under Serial No. 10/659,902, executed on even date herewith; or
 - Express Mail No. EV 326 953 206 US (as Serial No. not yet known)
and was amended on _____ (if applicable)
 - was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

No such applications have been filed.

Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No.</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			[] Yes [] No
			[] Yes [] No
			[] Yes [] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:

Application No.:

Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

No such applications have been filed

Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented</u>	<u>Pending</u>	<u>Status</u>	<u>Abandoned</u>
60/410,843	September 13, 2002		X		

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Loretta Peters	Registration No. 43,855
William K. Konrad	Registration No. 28,868

Send correspondence to: **Direct telephone calls to:**

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P. O. Box 450A
Santa Clara, CA 95052.

William K. Konrad
Phone#
310-553-7970

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: **Sasson R. SOMEKH**

Inventor's signature:  Date: 4/4/04
Residence: Los Altos Hills, California
Post Office Address: 25625 Moody Road
Los Altos Hills, California 94022
U.S.A. Country of Citizenship: USA

Full name of second inventor: **Marc O. SCHWEITZER**

Inventor's signature: _____ Date: _____
Residence: San Jose, California
Post Office Address: 1780 Cleveland Avenue
San Jose, California 95126
U.S.A. Country of Citizenship: USA

Full name of third inventor: **John C. FORSTER**

Inventor's signature: _____ Date: _____
Residence: San Francisco, California
Post Office Address: 465 10th Street #205
San Francisco, California 94103
U.S.A. Country of Citizenship: USA

Full name of fourth inventor: **Zheng XU**

Inventor's signature: _____ Date: _____
Residence: Foster City, California
Post Office Address: 279 Hudson Bay Street
Foster City, California 94404
U.S.A. Country of Citizenship: USA

Full name of fifth inventor: **Roderick C. MOSLEY**

Inventor's signature: _____ Date: _____
Residence: Pleasanton, California
Post Office Address: 4337 Diavila Avenue
Pleasanton, California 94588
U.S.A. Country of Citizenship: USA

Full name of sixth inventor: **Barry L. CHIN**

Inventor's signature: _____ Date: _____
Residence: Saratoga, California
Post Office Address: 13174 Cumberland Drive
Saratoga, California 95070
U.S.A. Country of Citizenship: USA

Full name of seventh inventor: **Howard E. GRUNES**

Inventor's signature: _____ Date: _____
Residence: Santa Cruz, California
Post Office Address: 237 Trevethan Avenue
Santa Cruz, California 95062
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)